

Johnson Stipulation Exhibit 1

Duke Energy Carolinas, [LLC](#)

Electricity No. 4

South Carolina [SeventhEighth \(Proposed\)](#) Revised Leaf No. 90Superseding South Carolina [SixthSeventh](#) Revised Leaf No. 90SCHEDULE PP (SC)
PURCHASED POWERAVAILABILITY (South Carolina Only)

Upon Seller's completion and ~~Company's~~ acceptance [by Duke Energy Carolinas, LLC](#) ("Company") of a Purchase Power Agreement, this Schedule is available for electrical energy and capacity supplied by Eligible Qualifying Facilities (as defined below) to Company, provided Seller is a Qualifying Facility as defined by the Federal Energy Regulatory Commission's ("FERC") Order No. 70 under Docket No. RM79-54 and 18 C.F.R. §§ 292.203, 292.204, and 292.205. This Schedule is not available for electric service supplied by Company to Seller or to Seller who has negotiated rate credits or conditions with Company which are different from those below. This Schedule is not available to a Qualifying Facility owned by a Seller, or affiliate or partner of a Seller, who sells power to Company from another Qualifying Facility of the same energy resource located within one-half mile, as measured from the electrical generating equipment, unless the combined capacity is equal to or less than two (2) megawatts.

Service necessary for the delivery of power from the Seller's generating facilities into Company's system shall be furnished solely to the individual contracting Seller in a single enterprise, located entirely on a single, contiguous premise. Service hereunder shall be restricted to Company's purchase of energy or energy and capacity from Seller's generating facilities up to the Contract Capacity specified in the Purchase Power Agreement which may be operated in parallel with Company's system. Power delivered to Company under this Schedule shall not offset or be substituted for power contracted for or which may be contracted for under any other schedule of Company. If Seller requires supplemental, back-up, or standby services, Seller shall enter into a separate service agreement with Company in accordance with Company's applicable electric rates, riders, and Service Regulations on file with and authorized by the state regulatory agency having jurisdiction.

All Qualifying Facilities have the option to sell energy to Company on an "as available" basis and receive energy credits only calculated using the Variable Rates identified in this Schedule for the delivered energy. The Variable Energy Credit shall constitute the "as available" avoided cost credit for Eligible Qualifying Facilities. The Fixed Long-Term Credit rates on this Schedule are available only to otherwise eligible Sellers that establish a Legally Enforceable Obligation and execute a Purchase Power Agreement on or before the filing date of proposed rates in the next avoided cost proceeding, provided eligible Seller begins delivery of power no later than thirty (30) months from the date of the order approving the avoided cost rates in Docket No. [2019-185-E, which is July 2, 2022](#)~~2021-89-E~~, but may be extended beyond 30 months if (i) construction is nearly complete and Seller demonstrates that it is making a good faith effort to complete its project in a timely manner, or (ii) where Seller's failure to begin delivery of power is due to Company's delays in completing interconnection facilities or system upgrades by the in-service date specified in the interconnection agreement between Seller and Company, Seller shall be given day-for-day extensions on its in-service date for any delays attributable to the in-service date of these interconnection facilities or system upgrades.

Sellers not qualifying for the Fixed Long-Term Credit rates remain eligible for the Variable Credit rates or the Fixed Long-Term Credit rates proposed in the next biennial avoided cost proceeding, which will be subject to adjustment if different rates are approved by the Public Service Commission of South Carolina ("Commission") in that proceeding.

QUALIFYING FACILITIES ELIGIBLE FOR CAPACITY AND/OR ENERGY CREDITS

In order to be an Eligible Qualifying Facility and receive Energy Credits under this Schedule, the Qualifying Facility must be a hydroelectric or generator fueled by trash or methane derived from landfills, solar, wind, hog or poultry waste-fueled or non-animal biomass-fueled Qualifying Facility with a Contract Capacity of two (2) megawatts or less, based on the nameplate rating of the generator, which are interconnected directly with Company's system and which are Qualifying Facilities as defined by the Federal Energy Regulatory Commission pursuant to Section 210 of the Public Utility Regulatory Policies Act of 1978.

Capacity Credits are limited to Eligible Qualifying Facilities located within Company's service area that are classified as New Capacity in accordance with FERC Order No. 69 under Docket No. RM79-55 and interconnected to Company's transmission or distribution systems. Eligible Qualifying Facilities receiving Capacity Credits under this Schedule shall also receive corresponding Energy Credits of like term, as set forth in the "RATE" section of this Schedule.

TYPE OF SERVICE

Company will furnish 60 Hertz service through one metering point, at one delivery point, at one of the following approximate voltages, where available, upon mutual agreement:

- Single-phase, 120/240; 120/208, 240/480 or other available single-phase voltages at Company's option, or
- 3-phase, 208Y/120, 460Y/265, 480Y/277 volts, or
- 3-phase, 3-wire, 240, 480, 575 or 2300 volts, or
- 3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts, or

South Carolina [SeventhEighth \(Proposed\)](#) Revised Leaf No. 90Effective for bills rendered on and after [November 30, 2018](#)~~April 22, 2021~~PSCSC Docket No. [2019-185-E](#)~~2021-89-E~~, Order No. [2020-315\(A\)](#)

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PURCHASED POWER

3-phase voltages other than those listed above may be available at Company's option if the size of the Seller's contract warrants a substation solely to serve that Seller, and if the Seller furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with Company's specifications. The type of service under this Schedule shall be determined by Company. Prospective sellers shall ascertain the available voltage by written inquiry of Company before purchasing equipment.

RATE

Company shall pay Eligible Qualifying Facilities for energy and/or capacity furnished to Company at the Credits set forth below as applicable. Such payments shall be reduced by the Administrative Charge, Integration Services Charge and any applicable Interconnection Facilities Charge.

Energy and Capacity Credits

Eligible Qualifying Facilities for Company's Fixed Long-Term and/or Variable Energy and Capacity Credits shall be paid based upon the Seller's interconnection with Company's distribution or transmission system for all energy delivered to Company's system as registered or computed from Company's metering facilities. The Energy and Capacity Credit will be in accordance with the length of rate term for energy sales so established in the Purchase Power Agreement.

Administrative Charge	\$ 11.07 per month
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Interconnection Facilities Charge	The Interconnection Charge for each seller is set forth in the Agreement as outlined in the Terms and Conditions; however, the \$25.00 minimum will not apply if the charge is for a meter only.
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Integration Services Charge:	\$0.00110 per kWh
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Due to incremental operations costs incurred with intermittent generation resources, Seller shall pay an integration services charge (the "Integration Services Charge"), which currently applies only to uncontrolled solar photovoltaic generation¹ facilities. The Charge shall apply to uncontrolled solar photovoltaic Eligible Qualifying Facilities that either establish a Legally Enforceable Obligation or renew or otherwise extend a Purchase Power Agreement on or after November 30, 2018, including all Sellers served under Variable rates. This Integration Services Charge shall be in the amount specified and will be billed monthly based upon generated energy delivered to Company. The Integration Services Charge shall be subject to adjustment in future biennial avoided cost proceedings similar to other rates and charges, as addressed in the "RATE UPDATES" section of this Schedule. However, Sellers who have executed a Purchase Power Agreement will not be affected by future changes to the Integration Services Charge for the specified term of its Purchase Power Agreement.

¹ "Uncontrolled solar photovoltaic generation" is defined as solar generation where the Qualifying Facility does not demonstrate that its facility is capable of operating or does not contractually agree to operate, in a manner that reduces its average daylight volatility to 6% or less of its average daylight power output. Eligible Qualifying Facilities with controlled solar photovoltaic generation shall be governed under a negotiated Purchase Power Agreement between Seller and Company, which shall be based on Company's standard Purchase Power Agreement and Terms and Conditions for the Purchase of Electric Power with additional terms added to address requirements for operating the technology used to reduce average daylight volatility.

SCHEDULE PP (SC)
PURCHASED POWER

Interconnected to Distribution			Interconnected to Transmission		
Variable Rate	Fixed Long- Term Rate (5 years)	Fixed Long- Term Rate (10 years)	Variable Rate	Fixed Long- Term Rate (5 years)	Fixed Long- Term Rate (10 years)

Energy Credits (¢/kWh)²:

On-peak kWh:

a. Summer	<u>3.01</u>	<u>3.03</u>	<u>3.20</u>	<u>2.87</u>	<u>2.89</u>	<u>3.06</u>
b. Winter						
1. Morning Hours	<u>6.53</u>	<u>5.41</u>	<u>4.61</u>	<u>6.36</u>	<u>4.97</u>	<u>4.49</u>
2. Evening Hours	<u>3.03</u>	<u>3.61</u>	<u>4.15</u>	<u>2.95</u>	<u>3.52</u>	<u>4.05</u>
c. Premium Peak						
1. Summer	<u>4.38</u>	<u>4.18</u>	<u>4.58</u>	<u>4.22</u>	<u>4.02</u>	<u>4.42</u>
2. Winter	<u>3.30</u>	<u>3.43</u>	<u>5.04</u>	<u>3.19</u>	<u>3.33</u>	<u>4.88</u>
d. Shoulder						
1. Morning/Evening Hours	<u>3.01</u>	<u>3.09</u>	<u>3.39</u>	<u>2.95</u>	<u>3.03</u>	<u>3.33</u>
2. Midday Hours	<u>2.73</u>	<u>2.63</u>	<u>2.79</u>	<u>2.67</u>	<u>2.58</u>	<u>2.74</u>

Off-peak kWh:

a. Summer	<u>2.42</u>	<u>2.31</u>	<u>2.50</u>	<u>2.37</u>	<u>2.27</u>	<u>2.45</u>
b. Winter	<u>2.47</u>	<u>2.44</u>	<u>2.70</u>	<u>2.43</u>	<u>2.39</u>	<u>2.65</u>
c. Shoulder	<u>2.00</u>	<u>1.92</u>	<u>2.10</u>	<u>1.98</u>	<u>1.90</u>	<u>2.08</u>

Capacity Credits (¢/kWh)³:

On-peak kWh:

a. Summer	0.00	<u>0.00</u>	<u>3.27</u>	0.00	<u>0.00</u>	<u>3.17</u>
b. Winter	<u>0.00</u>	<u>2.37</u>	<u>7.21</u>	<u>0.00</u>	<u>2.30</u>	<u>7.02</u>
1. Morning Hours	<u>0.00</u>	<u>0.00</u>	<u>3.90</u>	<u>0.00</u>	<u>0.00</u>	<u>3.80</u>
2. Evening Hours	<u>0.00</u>	<u>0.00</u>	<u>1.30</u>	<u>0.00</u>	<u>0.00</u>	<u>1.27</u>

² For Energy Credit purposes, Summer months are defined as calendar months June through September, Winter months are defined as calendar months December through February, and Shoulder months are defined as March through May and October through November. Summer on-peak hours shall be Monday through Friday ~~with morning hours from 7:00 a.m. to 12:00 p.m. noon, plus afternoon/evening hours~~ from 12:00 p.m. noon to 4:00 p.m. and 8:00 p.m. to 10:00 p.m. Winter on-peak hours shall be Monday through Friday with morning hours from 5:00 a.m. to 6:00 a.m. and 9:00 a.m. to 10:00 a.m., plus evening hours from 5:00 p.m. to 10:00 p.m. Shoulder on-peak hours shall be Monday through Friday with morning hours from 6:00 a.m. to 10:00 a.m. plus evening hours from 4:00 p.m. to 11:00 p.m., and shoulder midday hours shall be Monday through Friday from 10:00 a.m. to 4:00 p.m. Summer premium peak hours shall be Monday through Friday from 4:00 p.m. to 8:00 p.m. Winter premium peak hours shall be Monday through Friday from 6:00 a.m. to 9:00 a.m. There are no premium peak hours for Shoulder months. All other hours, plus the following holidays, shall be off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day.

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PURCHASED POWER

- ³ Capacity Credits shall only be applicable in Summer months defined as the calendar months of July and August and Winter months defined as calendar months of December through March. Summer on-peak hours shall be 45:00 p.m. to 89:00 p.m. during all Summer days. During Winter months, the ~~morning~~ on-peak hours shall be all Winter days from 65:00 a.m. to 910:00 a.m. ~~and evening on-peak hours shall be all Winter days from 6:00 p.m. to 9:00 p.m.~~ Capacity credits are not applicable in all other months.

RENEWABLE ENERGY CREDITS

Unless otherwise specified in Company's agreements with the Seller, the sale of power under this Schedule does not convey to Company the right to renewable energy credits (RECs) or green tags associated with the energy delivered.

INTERCONNECTION FACILITIES CHARGE

For Eligible Qualifying Facilities, the installed costs for all facilities constructed or installed by Company to interconnect and safely operate in parallel with Seller's equipment shall be determined in accordance with Company's Terms and Conditions for the Purchase of Electric Power. When only the installation of Company's meter is required for the purchase of electric power, the \$25 minimum monthly Interconnection Facilities Charge shall not be applicable. Interconnection of Seller's generation to Company's system shall be in accordance with the South Carolina Generator Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Interconnections.

POWER FACTOR CORRECTION

Unless the Seller is required by an Operating Agreement to adjust VAR production to support voltage control, when the Seller consumes VARs supplied by Company or the Seller delivers VARs to Company, Company may reduce the purchased energy measured in kilowatt-hours for that month by multiplying by the Average Consumed Power Factor. The Average Consumed Power Factor shall be the calculated on a monthly basis as the average kWh divided the average kVAh, where average kVAh shall be the square root of the sum of the average kWh squared plus the average consumed and delivered kVARh squared. Company reserves the right to install facilities necessary for the measurement of power factor and to adjust the Interconnection Facilities Charge accordingly, solely at the option of Company.

CONTRACT CAPACITY

The Contract Capacity shall be as specified in the Purchase Power Agreement between Company and Seller. Only one such Standard Contract shall be permitted for any Qualifying Facility.

RATE UPDATES

The Credits, Integration Services Charge and Administrative Charge under this Schedule will be updated every two years. Sellers who have contracted for the Fixed Long-Term Energy and Capacity Credits will not be affected by updates in the Energy and Capacity Credits until their rate term expires. Sellers who have executed a Purchase Power Agreement will not be affected by future changes to the Integration Services Charge for the specified term of its Purchase Power Agreement. For all Qualifying Facilities selling to Company pursuant to the Variable Capacity Rate provisions of this Schedule, such [Energy and eCapacity](#) credits shall be updated and changed in accordance with the Commission's [revisions to such credits orders](#) in [the](#) Company's biennial avoided cost proceedings.

The sale, delivery, and use of electric power hereunder, and all services of whatever type to be rendered or performed in connection therewith, shall in all respects be subject to and in accordance with the Variable or Long-Term rates selected by Seller in Company's Schedule PP and the Terms and Conditions for the Purchase of Electric Power. Said Rate Schedule and Terms and Conditions for the Purchase of Electric Power are subject to change, revision, alteration or substitution, either in whole or in part, upon order of the Commission or any other regulatory authority having jurisdiction, and any such change, revision, alteration or substitution shall immediately be made a part of the Agreement as though fully written herein, and shall nullify any prior provision in conflict therewith. Any change to the Rate Schedule or Terms and Conditions shall not apply to the Fixed Long-Term Rates themselves, or the Integration Services Charge, but shall apply to all other provisions of the Rate Schedule and Terms and Conditions for the Purchase of Electric Power, including but not limited to Variable Rates, other types of charges, and all non-rate provisions. For Purchase Power Agreements executed pursuant to the Fixed Long-Term rates approved in Docket No. 2019-185-E or its predecessors, any change to the Schedule shall not apply to the Fixed Long-Term Energy and Capacity Rates and the Integration Services Charge during the Contract Period.

PAYMENTS

Credit billings to Seller will be credited to Seller's account, or, at the option of Seller and upon ten (10) days' prior written notice, shall be payable to Seller within fifteen (15) days of the date of the bill.

South Carolina [Seventh-Eighth \(Proposed\)](#) Revised Leaf No. 90

Effective for bills rendered on and after ~~November 30, 2018~~ [April 22, 2021](#)

PSCSC Docket No. ~~2019-185-E~~ [2021-89-E](#), Order No. [2020-315\(A\)](#)

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PURCHASED POWER

Bills under this Schedule are due and payable on the date of the bill at the office of Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 ½%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

CONTRACT PERIOD

Each Seller shall enter into a Purchase Power Agreement which shall specify the Contract Capacity committed for delivery throughout the term of the contract and shall specify the initial term and associated rate.

SOUTH CAROLINA POWER EXCISE TAX

Seller shall be responsible for paying any and all taxes including, but not limited to, the Electric Power Excise Tax for the electric power generated by Seller's facilities, which may be imposed under Subsection (1) of S.C. Code Ann. §12-23-10 (1976), as amended, or any equivalent statute or regulations.

SCHEDULE PP (SC)
PURCHASED POWER

AVAILABILITY (South Carolina Only)

Upon Seller's completion and acceptance by Duke Energy Carolinas, LLC ("Company") of a Purchase Power Agreement, this Schedule is available for electrical energy and capacity supplied by Eligible Qualifying Facilities (as defined below) to Company, provided Seller is a Qualifying Facility as defined by the Federal Energy Regulatory Commission's ("FERC") Order No. 70 under Docket No. RM79-54 and 18 C.F.R. §§ 292.203, 292.204, and 292.205. This Schedule is not available for electric service supplied by Company to Seller or to Seller who has negotiated rate credits or conditions with Company which are different from those below. This Schedule is not available to a Qualifying Facility owned by a Seller, or affiliate or partner of a Seller, who sells power to Company from another Qualifying Facility of the same energy resource located within one-half mile, as measured from the electrical generating equipment, unless the combined capacity is equal to or less than two (2) megawatts.

Service necessary for the delivery of power from the Seller's generating facilities into Company's system shall be furnished solely to the individual contracting Seller in a single enterprise, located entirely on a single, contiguous premise. Service hereunder shall be restricted to Company's purchase of energy or energy and capacity from Seller's generating facilities up to the Contract Capacity specified in the Purchase Power Agreement which may be operated in parallel with Company's system. Power delivered to Company under this Schedule shall not offset or be substituted for power contracted for or which may be contracted for under any other schedule of Company. If Seller requires supplemental, back-up, or standby services, Seller shall enter into a separate service agreement with Company in accordance with Company's applicable electric rates, riders, and Service Regulations on file with and authorized by the state regulatory agency having jurisdiction.

All Qualifying Facilities have the option to sell energy to Company on an "as available" basis and receive energy credits only calculated using the Variable Rates identified in this Schedule for the delivered energy. The Variable Energy Credit shall constitute the "as available" avoided cost credit for Eligible Qualifying Facilities. The Fixed Long-Term Credit rates on this Schedule are available only to otherwise eligible Sellers that establish a Legally Enforceable Obligation and execute a Purchase Power Agreement on or before the filing date of proposed rates in the next avoided cost proceeding, provided eligible Seller begins delivery of power no later than thirty (30) months from the date of the order approving the avoided cost rates in Docket No. 2021-89-E, but may be extended beyond 30 months if (i) construction is nearly complete and Seller demonstrates that it is making a good faith effort to complete its project in a timely manner, or (ii) where Seller's failure to begin delivery of power is due to Company's delays in completing interconnection facilities or system upgrades by the in-service date specified in the interconnection agreement between Seller and Company, Seller shall be given day-for-day extensions on its in-service date for any delays attributable to the in-service date of these interconnection facilities or system upgrades.

Sellers not qualifying for the Fixed Long-Term Credit rates remain eligible for the Variable Credit rates or the Fixed Long-Term Credit rates proposed in the next biennial avoided cost proceeding, which will be subject to adjustment if different rates are approved by the Public Service Commission of South Carolina ("Commission") in that proceeding.

QUALIFYING FACILITIES ELIGIBLE FOR CAPACITY AND/OR ENERGY CREDITS

In order to be an Eligible Qualifying Facility and receive Energy Credits under this Schedule, the Qualifying Facility must be a hydroelectric or generator fueled by trash or methane derived from landfills, solar, wind, hog or poultry waste-fueled or non-animal biomass-fueled Qualifying Facility with a Contract Capacity of two (2) megawatts or less, based on the nameplate rating of the generator, which are interconnected directly with Company's system and which are Qualifying Facilities as defined by the Federal Energy Regulatory Commission pursuant to Section 210 of the Public Utility Regulatory Policies Act of 1978.

Capacity Credits are limited to Eligible Qualifying Facilities located within Company's service area that are classified as New Capacity in accordance with FERC Order No. 69 under Docket No. RM79-55 and interconnected to Company's transmission or distribution systems. Eligible Qualifying Facilities receiving Capacity Credits under this Schedule shall also receive corresponding Energy Credits of like term, as set forth in the "RATE" section of this Schedule.

TYPE OF SERVICE

Company will furnish 60 Hertz service through one metering point, at one delivery point, at one of the following approximate voltages, where available, upon mutual agreement:

- Single-phase, 120/240; 120/208, 240/480 or other available single-phase voltages at Company's option, or
- 3-phase, 208Y/120, 460Y/265, 480Y/277 volts, or
- 3-phase, 3-wire, 240, 480, 575 or 2300 volts, or
- 3-phase, 4160Y/2400, 12470Y/7200, or 24940Y/14400 volts, or

SCHEDULE PP (SC)
PURCHASED POWER

3-phase voltages other than those listed above may be available at Company's option if the size of the Seller's contract warrants a substation solely to serve that Seller, and if the Seller furnishes suitable outdoor space on the premises to accommodate a ground-type transformer installation, or substation, or a transformer vault built in accordance with Company's specifications. The type of service under this Schedule shall be determined by Company. Prospective sellers shall ascertain the available voltage by written inquiry of Company before purchasing equipment.

RATE

Company shall pay Eligible Qualifying Facilities for energy and/or capacity furnished to Company at the Credits set forth below as applicable. Such payments shall be reduced by the Administrative Charge, Integration Services Charge and any applicable Interconnection Facilities Charge.

Energy and Capacity Credits

Eligible Qualifying Facilities for Company's Fixed Long-Term and/or Variable Energy and Capacity Credits shall be paid based upon the Seller's interconnection with Company's distribution or transmission system for all energy delivered to Company's system as registered or computed from Company's metering facilities. The Energy and Capacity Credit will be in accordance with the length of rate term for energy sales so established in the Purchase Power Agreement.

Administrative Charge	\$ 11.07 per month
Interconnection Facilities Charge	The Interconnection Charge for each seller is set forth in the Agreement as outlined in the Terms and Conditions; however, the \$25.00 minimum will not apply if the charge is for a meter only.
Integration Services Charge:	\$0.00110 per kWh

Due to incremental operations costs incurred with intermittent generation resources, Seller shall pay an integration services charge (the "Integration Services Charge"), which currently applies only to uncontrolled solar photovoltaic generation¹ facilities. The Charge shall apply to uncontrolled solar photovoltaic Eligible Qualifying Facilities that either establish a Legally Enforceable Obligation or renew or otherwise extend a Purchase Power Agreement on or after November 30, 2018, including all Sellers served under Variable rates. This Integration Services Charge shall be in the amount specified and will be billed monthly based upon generated energy delivered to Company. The Integration Services Charge shall be subject to adjustment in future biennial avoided cost proceedings similar to other rates and charges, as addressed in the "RATE UPDATES" section of this Schedule. However, Sellers who have executed a Purchase Power Agreement will not be affected by future changes to the Integration Services Charge for the specified term of its Purchase Power Agreement.

¹ "Uncontrolled solar photovoltaic generation" is defined as solar generation where the Qualifying Facility does not demonstrate that its facility is capable of operating or does not contractually agree to operate, in a manner that reduces its average daylight volatility to 6% or less of its average daylight power output. Eligible Qualifying Facilities with controlled solar photovoltaic generation shall be governed under a negotiated Purchase Power Agreement between Seller and Company, which shall be based on Company's standard Purchase Power Agreement and Terms and Conditions for the Purchase of Electric Power with additional terms added to address requirements for operating the technology used to reduce average daylight volatility.

**SCHEDULE PP (SC)
PURCHASED POWER**

<u>Interconnected to Distribution</u>			<u>Interconnected to Transmission</u>			
<u>Variable</u> <u>Rate</u>	<u>Fixed</u> <u>Long-</u> <u>Term Rate</u> <u>(5 years)</u>	<u>Fixed Long-</u> <u>Term Rate</u> <u>(10 years)</u>	<u>Variable</u> <u>Rate</u>	<u>Fixed</u> <u>Long-</u> <u>Term Rate</u> <u>(5 years)</u>	<u>Fixed</u> <u>Long-</u> <u>Term Rate</u> <u>(10 years)</u>	
<u>Energy Credits (¢/kWh)²:</u>						
On-peak kWh:						
a. Summer	3.01	3.03	3.20	2.87	2.89	3.06
b. Winter						
1. Morning Hours	3.50	3.42	3.90	3.41	3.33	3.80
2. Evening Hours	3.18	3.34	3.79	3.10	3.25	3.69
c. Premium Peak						
1. Summer	3.01	3.06	3.19	2.90	2.94	3.08
2. Winter	4.78	4.52	4.72	4.63	4.38	4.57
d. Shoulder						
1. Morning/Evening Hours	3.18	3.17	3.21	3.12	3.11	3.15
2. Midday Hours	2.62	2.73	2.76	2.57	2.68	2.71
Off-peak kWh:						
a. Summer	2.16	2.22	2.31	2.12	2.18	2.27
b. Winter	3.08	3.02	3.25	3.02	2.96	3.18
c. Shoulder	2.38	2.25	2.33	2.35	2.22	2.30

Capacity Credits (¢/kWh)³:

On-peak kWh:							
a.	Summer	0.00	0.30	0.93	0.00	0.30	0.90
b.	Winter	0.00	2.37	7.21	0.00	2.30	7.02

² For Energy Credit purposes, Summer months are defined as calendar months June through September, Winter months are defined as calendar months December through February, and Shoulder months are defined as March through May and October through November. Summer on-peak hours shall be Monday through Friday from 12:00 p.m. noon to 4:00 p.m. and 8:00 p.m. to 10:00 p.m. Winter on-peak hours shall be Monday through Friday with morning hours from 5:00 a.m. to 6:00 a.m. and 9:00 a.m. to 10:00 a.m., plus evening hours from 5:00 p.m. to 10:00 p.m. Shoulder on-peak hours shall be Monday through Friday with morning hours from 6:00 a.m. to 10:00 a.m. plus evening hours from 4:00 p.m. to 11:00 p.m., and shoulder midday hours shall be Monday through Friday from 10:00 a.m. to 4:00 p.m. Summer premium peak hours shall be Monday through Friday from 4:00 p.m. to 8:00 p.m. Winter premium peak hours shall be Monday through Friday from 6:00 a.m. to 9:00 a.m. There are no premium peak hours for Shoulder months. All other hours, plus the following holidays, shall be off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day.

³ Capacity Credits shall only be applicable in Summer months defined as the calendar months of July and August and Winter months defined as calendar months of December through March. Summer on-peak hours shall be 5:00 p.m. to 9:00 p.m. during all Summer days. During Winter months, the on-peak hours shall be all Winter days from 5:00 a.m. to 10:00 a.m.. Capacity credits are not applicable in all other months.

Duke Energy Carolinas, LLC

Johnson Stipulation Exhibit 2

Electricity No. 4

South Carolina Eighth (Proposed) Revised Leaf No. 90

Superseding South Carolina Seventh Revised Leaf No. 90

SCHEDULE PP (SC)
PURCHASED POWERRENEWABLE ENERGY CREDITS

Unless otherwise specified in Company's agreements with the Seller, the sale of power under this Schedule does not convey to Company the right to renewable energy credits (RECs) or green tags associated with the energy delivered.

INTERCONNECTION FACILITIES CHARGE

For Eligible Qualifying Facilities, the installed costs for all facilities constructed or installed by Company to interconnect and safely operate in parallel with Seller's equipment shall be determined in accordance with Company's Terms and Conditions for the Purchase of Electric Power. When only the installation of Company's meter is required for the purchase of electric power, the \$25 minimum monthly Interconnection Facilities Charge shall not be applicable. Interconnection of Seller's generation to Company's system shall be in accordance with the South Carolina Generator Interconnection Procedures, Forms, and Agreements for State-Jurisdictional Interconnections.

POWER FACTOR CORRECTION

Unless the Seller is required by an Operating Agreement to adjust VAR production to support voltage control, when the Seller consumes VARs supplied by Company or the Seller delivers VARs to Company, Company may reduce the purchased energy measured in kilowatt-hours for that month by multiplying by the Average Consumed Power Factor. The Average Consumed Power Factor shall be the calculated on a monthly basis as the average kWh divided the average kVAh, where average kVAh shall be the square root of the sum of the average kWh squared plus the average consumed and delivered kVARh squared. Company reserves the right to install facilities necessary for the measurement of power factor and to adjust the Interconnection Facilities Charge accordingly, solely at the option of Company.

CONTRACT CAPACITY

The Contract Capacity shall be as specified in the Purchase Power Agreement between Company and Seller. Only one such Standard Contract shall be permitted for any Qualifying Facility.

RATE UPDATES

The Credits, Integration Services Charge and Administrative Charge under this Schedule will be updated every two years. Sellers who have contracted for the Fixed Long-Term Energy and Capacity Credits will not be affected by updates in the Energy and Capacity Credits until their rate term expires. Sellers who have executed a Purchase Power Agreement will not be affected by future changes to the Integration Services Charge for the specified term of its Purchase Power Agreement. For all Qualifying Facilities selling to Company pursuant to the Variable Capacity Rate provisions of this Schedule, such Energy and Capacity credits shall be updated and changed in accordance with the Commission's orders in the Company's biennial avoided cost proceedings.

The sale, delivery, and use of electric power hereunder, and all services of whatever type to be rendered or performed in connection therewith, shall in all respects be subject to and in accordance with the Variable or Long-Term rates selected by Seller in Company's Schedule PP and the Terms and Conditions for the Purchase of Electric Power. Said Rate Schedule and Terms and Conditions for the Purchase of Electric Power are subject to change, revision, alteration or substitution, either in whole or in part, upon order of the Commission or any other regulatory authority having jurisdiction, and any such change, revision, alteration or substitution shall immediately be made a part of the Agreement as though fully written herein, and shall nullify any prior provision in conflict therewith. Any change to the Rate Schedule or Terms and Conditions shall not apply to the Fixed Long-Term Rates themselves, or the Integration Services Charge, but shall apply to all other provisions of the Rate Schedule and Terms and Conditions for the Purchase of Electric Power, including but not limited to Variable Rates, other types of charges, and all non-rate provisions. For Purchase Power Agreements executed pursuant to the Fixed Long-Term rates approved in Docket No. 2019-185-E or its predecessors, any change to the Schedule shall not apply to the Fixed Long-Term Energy and Capacity Rates and the Integration Services Charge during the Contract Period.

PAYMENTS

Credit billings to Seller will be credited to Seller's account, or, at the option of Seller and upon ten (10) days' prior written notice, shall be payable to Seller within fifteen (15) days of the date of the bill.

Bills under this Schedule are due and payable on the date of the bill at the office of Company. Bills are past due and delinquent on the fifteenth day after the date of the bill. If any bill is not so paid, Company has the right to suspend service. In addition, all bills not paid by the twenty-fifth day after the date of the bill shall be subject to a one and one-half percent (1 ½%) late payment charge on the unpaid amount. This late payment charge shall be rendered on the following month's bill and it shall become part of and be due and payable with the bill on which it is rendered.

South Carolina Eighth (Proposed) Revised Leaf No. 90
Effective for bills rendered on and after April 22, 2021
PSCSC Docket No. 2021-89-E, Order No. _____

Duke Energy Carolinas, LLC

Johnson Stipulation Exhibit 2

Electricity No. 4

South Carolina Eighth (Proposed) Revised Leaf No. 90

Superseding South Carolina Seventh Revised Leaf No. 90

SCHEDULE PP (SC)
PURCHASED POWER

CONTRACT PERIOD

Each Seller shall enter into a Purchase Power Agreement which shall specify the Contract Capacity committed for delivery throughout the term of the contract and shall specify the initial term and associated rate.

SOUTH CAROLINA POWER EXCISE TAX

Seller shall be responsible for paying any and all taxes including, but not limited to, the Electric Power Excise Tax for the electric power generated by Seller's facilities, which may be imposed under Subsection (1) of S.C. Code Ann. §12-23-10 (1976), as amended, or any equivalent statute or regulations.

SCHEDULE PP-LQF (SC) PURCHASED POWER

AVAILABILITY (South Carolina Only)

This Schedule is made available pursuant to Order No. 2020-315(A) for purchase by Duke Energy Carolinas, LLC ("Company") of electrical energy and capacity supplied by Small Power Producer Qualifying Facilities (as defined by Chapter 41 of Title 58 of the S.C. Code of Laws) with a nameplate capacity rating greater than two (2) megawatts ("Eligible Sellers") and delivered to Company's system upon execution of the standard Power Purchase Agreement – Large QF PPA approved by the Commission ("LQF PPA") by Eligible Seller and Company. The sale, delivery, and use of electric power hereunder, and all services of whatever type to be rendered or performed in connection therewith, shall in all respects be subject to and in accordance with the Company's LQF PPA. Consistent with S.C. Code Ann § 58-41-20(A) and the Public Utility Regulatory Policies Act of 1978, nothing herein restricts an Eligible Seller from entering into a Power Purchase Agreement with the Company with rates, terms and conditions that differ from this Schedule or the LQF PPA.

The Fixed Long-Term Credits offered in this Schedule are available only to Eligible Sellers that establish a legally enforceable obligation to sell and deliver power to Company through (i) negotiation and execution of a mutually-binding LQF PPA (or alternative form of Power Purchase Agreement acceptable to Company, in its sole discretion); or (ii) through Eligible Seller's execution and delivery of a Notice of Commitment Form, as approved by the Commission, which is accepted by Company to be complete and to establish the Eligible Seller's legally enforceable obligation date pursuant to the terms of the Notice of Commitment Form. Prior to an Eligible Seller establishing a legally enforceable obligation, the Long-Term Credits under this Schedule shall be indicative of Company's current avoided cost of energy and capacity but shall not be binding on either Company or the Eligible Seller and shall be subject to adjustment through updates to this Schedule unless and until the Eligible Seller establishes a legally enforceable obligation as set forth herein.

To obtain an LQF PPA or Notice of Commitment Form, an Eligible Seller may contact the Company at:

Duke Energy - Distributed Energy Technologies
400 South Tryon Street
Mail Code: ST 26A
Charlotte, North Carolina 28202
Attn.: Wholesale Renewable Manager
DERContracts@duke-energy.com

Pursuant to Order No. 2020-315(A), the Company will continue to incorporate the most up-to-date inputs to avoided energy and avoided capacity costs for purposes of calculating avoided cost rates offered under this Schedule consistent with the methodology approved by the Commission and Company's most recent integrated resource plan. The Fixed Long-Term Credits identified in the Rate section of this Schedule shall only be available to Eligible Sellers that establish a legally enforceable obligation on or before the date that the Company submits updated Fixed Long-Term Credits under this Schedule to the Commission.

This Schedule is limited to power delivered to Company by Eligible Sellers under the LQF PPA. If Eligible Seller requires supplemental, back-up, or standby services, Eligible Seller shall enter into a separate service agreement with Company in accordance with Company's applicable electric rates, riders, and Service Regulations on file with and authorized by the state regulatory agency having jurisdiction. Nothing in this Schedule shall be interpreted as providing for interconnection to Company's system; such interconnection service must be contracted for separately pursuant to the South Carolina Generator Interconnection Procedures.

RATE

Company shall pay Eligible Sellers for energy and/or capacity furnished to Company at the Credits set forth below as applicable. Such payments shall be reduced by the Solar Integration Services Charge pursuant to the terms of the LQF PPA.

Solar Integration Services Charge

**SCHEDULE PP-LQF (SC)
PURCHASED POWER**

The Solar Integration Services Charge, and avoidance thereof, is addressed in the LQF PPA.

Solar Integration Services Charge: \$0.00110 per kWh

Energy and Capacity Credits

Eligible Sellers shall be paid based upon the Eligible Seller's interconnection with Company's distribution or transmission system for all energy delivered to Company's system as registered or computed from Company's metering facilities. The Energy and Capacity Credit provided herein is based on a contract term of ten (10) years.

<u>Fixed Long-Term Rate (10 years)</u>	<u>Fixed Long-Term Rate (10 years)</u>
<u>Interconnected to Distribution</u>	<u>Interconnected to Transmission</u>

Energy Credits (¢/kWh)¹:

On-peak kWh:

a. Summer	<u>3.20</u>	<u>3.06</u>
1. Morning Hours	<u>2.35</u>	<u>2.30</u>
2. Afternoon/Evening Hours	<u>3.36</u>	<u>3.24</u>
b. Winter		
1. Morning Hours	<u>3.173.90</u>	<u>3.093.80</u>
2. Evening Hours	<u>3.673.79</u>	<u>3.573.69</u>
c. Premium Peak		
1. Summer	<u>3.423.19</u>	<u>3.293.08</u>
2. Winter	<u>4.934.72</u>	<u>4.774.57</u>
d. Shoulder		
1. Morning/Evening Hours	<u>2.253.21</u>	<u>2.213.15</u>
2. Midday Hours	<u>4.832.76</u>	<u>4.792.71</u>

Off-peak kWh:

a. Summer	<u>2.812.31</u>	<u>2.762.27</u>
b. Winter	<u>3.293.25</u>	<u>3.233.18</u>
c. Shoulder	<u>3.152.33</u>	<u>3.112.30</u>

Capacity Credits (¢/kWh)²:

On-peak kWh:

a. Summer	<u>5.310.93</u>	<u>5.160.90</u>
b. Winter	<u>7.21</u>	<u>7.02</u>
1. Morning Hours	<u>6.34</u>	<u>6.17</u>
2. Evening Hours	<u>2.11</u>	<u>2.06</u>

¹ For Energy Credit purposes, Summer months are defined as calendar months June through September, Winter months are defined as calendar months December through February, and Shoulder months are defined as March through May and October

SCHEDULE PP-LQF (SC) PURCHASED POWER

through November. Summer on-peak hours shall be Monday through Friday ~~with morning hours from 7:00 a.m. to 12:00 p.m. noon, plus afternoon/evening hours~~ from 12:00 p.m. noon to 4:00 p.m. and 8:00 p.m. to 10:00 p.m. Winter on-peak hours shall be Monday through Friday with morning hours from 5:00 a.m. to 6:00 a.m. and 9:00 a.m. to 10:00 a.m., plus evening hours from 5:00 p.m. to 10:00 p.m. Shoulder on-peak hours shall be Monday through Friday with morning hours from 6:00 a.m. to 10:00 a.m. and evening hours from 4:00 p.m. to 11:00 p.m. Shoulder midday hours shall be Monday through Friday from 10:00 a.m. to 4:00 p.m. Summer premium peak hours shall be Monday through Friday from 4:00 p.m. to 8:00 p.m. Winter premium peak hours shall be Monday through Friday from 6:00 a.m. to 9:00 a.m. There are no premium peak hours for Shoulder months. All other hours, plus the following holidays, shall be off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day.

- ² Capacity Credit shall only be applicable in Summer months defined as the calendar months of July and August and Winter months defined as calendar months of December through March. Summer on-peak hours shall be ~~45:00~~ 45:00 p.m. to ~~89:00~~ 89:00 p.m. during all Summer days. During Winter months, the ~~morning~~ on-peak hours shall be all Winter days from ~~65:00~~ 65:00 a.m. to ~~910:00~~ 9:00 a.m. ~~and evening on-peak hours shall be all Winter days from 6:00 p.m. to 9:00 p.m.~~ Capacity credits are not applicable in all other months.

RENEWABLE ENERGY CREDITS

The sale of power under this Schedule does not convey to Company the right to renewable energy credits (RECs) or green tags associated with the energy delivered.

POWER FACTOR CORRECTION

For distribution-connected Eligible Sellers, unless the Eligible Seller is required by an Operating Agreement to adjust VAR production to support voltage control, when the Eligible Seller consumes VARs supplied by Company or the Eligible Seller delivers VARs to Company, Company may reduce the purchased energy measured in kilowatt-hours for that month by multiplying by the Average Consumed Power Factor. The Average Consumed Power Factor shall be ~~the~~ calculated on a monthly basis as the average kWh divided the average kVAh, where average kVAh shall be the square root of the sum of the average kWh squared plus the average consumed and delivered kVARh squared.

SCHEDULE PP-LQF (SC)
PURCHASED POWERAVAILABILITY (South Carolina Only)

This Schedule is made available pursuant to Order No. _____ for purchase by Duke Energy Carolinas, LLC (“Company”) of electrical energy and capacity supplied by Small Power Producer Qualifying Facilities (as defined by Chapter 41 of Title 58 of the S.C. Code of Laws) with a nameplate capacity rating greater than two (2) megawatts (“Eligible Sellers”) and delivered to Company’s system upon execution of the standard Power Purchase Agreement – Large QF PPA approved by the Commission (“LQF PPA”) by Eligible Seller and Company. The sale, delivery, and use of electric power hereunder, and all services of whatever type to be rendered or performed in connection therewith, shall in all respects be subject to and in accordance with the Company’s LQF PPA. Consistent with S.C. Code Ann § 58-41-20(A) and the Public Utility Regulatory Policies Act of 1978, nothing herein restricts an Eligible Seller from entering into a Power Purchase Agreement with the Company with rates, terms and conditions that differ from this Schedule or the LQF PPA.

The Fixed Long-Term Credits offered in this Schedule are available only to Eligible Sellers that establish a legally enforceable obligation to sell and deliver power to Company through (i) negotiation and execution of a mutually-binding LQF PPA (or alternative form of Power Purchase Agreement acceptable to Company, in its sole discretion); or (ii) through Eligible Seller’s execution and delivery of a Notice of Commitment Form, as approved by the Commission, which is accepted by Company to be complete and to establish the Eligible Seller’s legally enforceable obligation date pursuant to the terms of the Notice of Commitment Form. Prior to an Eligible Seller establishing a legally enforceable obligation, the Long-Term Credits under this Schedule shall be indicative of Company’s current avoided cost of energy and capacity but shall not be binding on either Company or the Eligible Seller and shall be subject to adjustment through updates to this Schedule unless and until the Eligible Seller establishes a legally enforceable obligation as set forth herein.

To obtain an LQF PPA or Notice of Commitment Form, an Eligible Seller may contact the Company at:

Duke Energy - Distributed Energy Technologies
400 South Tryon Street
Mail Code: ST 26A
Charlotte, North Carolina 28202
Attn.: Wholesale Renewable Manager
DERContracts@duke-energy.com

Pursuant to Order No. _____, the Company will continue to incorporate the most up-to-date inputs to avoided energy and avoided capacity costs for purposes of calculating avoided cost rates offered under this Schedule consistent with the methodology approved by the Commission and Company’s most recent integrated resource plan. The Fixed Long-Term Credits identified in the Rate section of this Schedule shall only be available to Eligible Sellers that establish a legally enforceable obligation on or before the date that the Company submits updated Fixed Long-Term Credits under this Schedule to the Commission,

This Schedule is limited to power delivered to Company by Eligible Sellers under the LQF PPA. If Eligible Seller requires supplemental, back-up, or standby services, Eligible Seller shall enter into a separate service agreement with Company in accordance with Company’s applicable electric rates, riders, and Service Regulations on file with and authorized by the state regulatory agency having jurisdiction. Nothing in this Schedule shall be interpreted as providing for interconnection to Company’s system; such interconnection service must be contracted for separately pursuant to the South Carolina Generator Interconnection Procedures.

RATE

Company shall pay Eligible Sellers for energy and/or capacity furnished to Company at the Credits set forth below as applicable. Such payments shall be reduced by the Solar Integration Services Charge pursuant to the terms of the LQF PPA.

Solar Integration Services Charge

The Solar Integration Services Charge, and avoidance thereof, is addressed in the LQF PPA.

SCHEDULE PP-LQF (SC)
PURCHASED POWER

Solar Integration Services Charge: \$0.00110 per kWh

Energy and Capacity Credits

Eligible Sellers shall be paid based upon the Eligible Seller's interconnection with Company's distribution or transmission system for all energy delivered to Company's system as registered or computed from Company's metering facilities. The Energy and Capacity Credit provided herein is based on a contract term of ten (10) years.

<u>Fixed Long-Term Rate (10 years) Interconnected to Distribution</u>	<u>Fixed Long-Term Rate (10 years) Interconnected to Transmission</u>
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Energy Credits (¢/kWh)¹:

On-peak kWh:

a. Summer	3.20	3.06
b. Winter		
1. Morning Hours	3.90	3.80
2. Evening Hours	3.79	3.69
c. Premium Peak		
1. Summer	3.19	3.08
2. Winter	4.72	4.57
d. Shoulder		
1. Morning/Evening Hours	3.21	3.15
2. Midday Hours	2.76	2.71

Off-peak kWh:

a. Summer	2.31	2.27
b. Winter	3.25	3.18
c. Shoulder	2.33	2.30

Capacity Credits (¢/kWh)²:

On-peak kWh:

a. Summer	0.93	0.90
b. Winter	7.21	7.02

¹ For Energy Credit purposes, Summer months are defined as calendar months June through September, Winter months are defined as calendar months December through February, and Shoulder months are defined as March through May and October through November. Summer on-peak hours shall be Monday through Friday from 12:00 p.m. noon to 4:00 p.m. and 8:00 p.m. to 10:00 p.m. Winter on-peak hours shall be Monday through Friday with morning hours from 5:00 a.m. to 6:00 a.m. and 9:00 a.m. to 10:00 a.m., plus evening hours from 5:00 p.m. to 10:00 p.m. Shoulder on-peak hours shall be Monday through Friday with morning hours from 6:00 a.m. to 10:00 a.m. and evening hours from 4:00 p.m. to 11:00 p.m. Shoulder midday hours shall be Monday through Friday from 10:00 a.m. to 4:00 p.m. Summer premium peak hours shall be Monday through Friday from 4:00 p.m. to 8:00 p.m. Winter premium peak hours shall be Monday through Friday from 6:00 a.m. to 9:00 a.m. There

**SCHEDULE PP-LQF (SC)
PURCHASED POWER**

are no premium peak hours for Shoulder months. All other hours, plus the following holidays, shall be off-peak: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and the day after, and Christmas Day.

- ² Capacity Credit shall only be applicable in Summer months defined as the calendar months of July and August and Winter months defined as calendar months of December through March. Summer on-peak hours shall be 5:00 p.m. to 9:00 p.m. during all Summer days. During Winter months, the on-peak hours shall be all Winter days from 5:00 a.m. to 10:00 a.m. Capacity credits are not applicable in all other months.

RENEWABLE ENERGY CREDITS

The sale of power under this Schedule does not convey to Company the right to renewable energy credits (RECs) or green tags associated with the energy delivered.

POWER FACTOR CORRECTION

For distribution-connected Eligible Sellers, unless the Eligible Seller is required by an Operating Agreement to adjust VAR production to support voltage control, when the Eligible Seller consumes VARs supplied by Company or the Eligible Seller delivers VARs to Company, Company may reduce the purchased energy measured in kilowatt-hours for that month by multiplying by the Average Consumed Power Factor. The Average Consumed Power Factor shall be calculated on a monthly basis as the average kWh divided the average kVAh, where average kVAh shall be the square root of the sum of the average kWh squared plus the average consumed and delivered kVARh squared.